

P.O. BOX 269
1000 WARREN AVENUE
NILES, OHIO 44446-0269

Via Overnight Delivery

July 26, 2000

Ms. Julianne Socha
Enforcement and Compliance Assurance Branch (DRE-8J)
United States Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL. 60604

US EPA RECORDS CENTER REGION 5

1009075

RE: SEP Summary Report

CAFO of 12 May 1997, RCRA Docket No. V-W-001-93

Dear Ms. Socha:

Here in compliance with the 12 May 1997 CAFO and as we have discussed is the SEP Summary Report.

Thank you, for your assistance and patience in this matter. Please do not hesitate to contact me with any questions.

Succeely.

Richard L. Mason

Director -- Environmental Affairs

Phone: 330/544-7688

Fax: 330/544-1029

E-mail: <u>nickmasonatmri@compuserve.com</u>

Enclosure

C: Adrienne LaFavre. Ph.D. OEPA-NEDO

DEC 0 4 2000

RCKA KLOCKUS KOOM
Waste, Pesticides & Toxics Division

II S. EPA-REGION 5

RMI TITANIUM COMPANY - SODIUM PLANT SEP SUMMARY REPORT ASHTABULA RIVER PARTNERSHIP S.E.P. 10 JULY 2000

AS REQUIRED BY CAFO OF 12 MAY 1997 RCRA DOCKET V - W- 001 '93

I. Detailed Description of the SEP as Implemented

The Ashtabula River Supplemental Environmental Project was a five year commitment by the RMI Titanium Company to participate in the Ashtabula River Partnership (ARP). The ARP is a coalition of citizens, local businesses, and local state and Federal government representatives exploring remediation options for contaminated sediments in the Ashtabula River and harbor. Contaminants in Ashtabula River sediment present a potential risk to the public and environment. The actual level of effort is considerably greater that the minimum level agreed to in the CAFO, resulting the SEP being completed in only three, rather than five, years.

RMI committed to provide volunteers to the ARP who would put forth their best efforts toward the success of the ARP. RMI fulfilled this commitment by providing two volunteers:

> N.F (Rick) Brewer - Director of Community Relations for RMI's Environmental Services Division located in Ashtabula, Ohio.

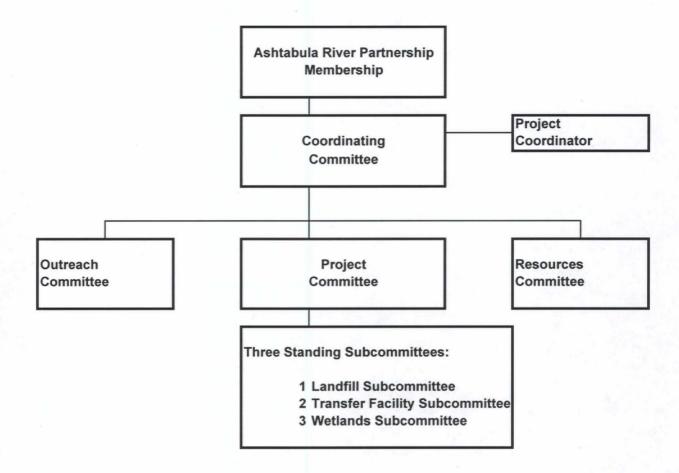
> Richard L. Mason - Director of Environmental Affairs for the RMI Titanium Company headquartered in Niles, Ohio.

Other RMI personnel have provided support services on an as needed basis, but their time has not been applied against the SEP.

Messrs. Brewer and Mason' involvement has been varied as the need arises, as detailed in Appendix I, and has been spent primarily in committee work. The ARP is managed largely by committee and is organized as follows (See Figure 1):

- A. The Full Partnership originally met quarterly, now annually, and usually in August. The RMI Titanium company is a Charter Member. A list of Charter Members is included as Appendix III.
- B. Overall management falls to the Coordinating Committee which meets monthly. N.F. Brewer is Co-Chairperson of the Committee, and R.L. Mason is a committee member.
- C. The ARP has created one full-time, paid position, the Project Coordinator, who reports to the Co-Chairpersons of the Coordinating Committee.

Ashtabula River Partnership Organization Structure



- C. Three committees are subsidiary to the Coordinating Committee:
 - 1. The Outreach Committee meets monthly and is in charge of community outreach, an important function in a public partnership. N.F Brewer and R.L. Mason are committee members.
 - 2. The Project Committee meets monthly and is in charge of managing the technical aspects of the ARP. R.L. Mason is Co-Chairperson of the Project Committee. The U.S. Army Corps of Engineers, Buffalo Distinct Office, (USACE) serves as the engineering function of the ARP and reports to the Project Committee. Contractors are used for engineering services too, either as direct contractors to the ARP, or subcontractors to USACE.
 - 3. The Resources Committee meets monthly and is in charge of obtaining financial resources and services in kind such as lands, easements, and rights-of-way. N.F. Brewer and R.L. Mason are committee members.
- D. Subcommittees are formed from time to time as the need arises. At present there are three standing subcommittees to the Project Committee.
 - 1. The Landfill Subcommittee meets monthly to focus on landfill design, siting, and other disposal issues. R.L. mason is a committee member.
 - 2. The Transfer Facility Subcommittee meets monthly to focus on real estate issues and design of the water-toland transfer facility, including sediment dewatering design and regulatory questions. N.F. Brewer is a committee member.
 - 3. The Wetlands Subcommittee meets as needed to focus on Identifying, qualifying, and making mitigation plans for potential wetlands impacts.

A committee list is included as Appendix IV.

The ARP has established a not-for-profit organization to support the river cleanup known as the Ashtabula River Foundation. N.F. Brewer is on the board of directors of the Foundation.

A group of manufacturers, The Ashtabula River Cooperation Group (ARCG), has been formed primarily to provide funding for a share of the dredging project, contingent upon satisfactory and affordable design. The group provides technical expertise and funding to the ARP and at present is involved in developing at Natural Resources Damage assessment with the state and Federal Natural Resource Trustees. R.L. Mason is active in the ARCG.

As is apparent from the discussions above, Messrs. Brewer and Mason have been integrally involved with the ARP throughout the three years of the SEP. Progress at the site has been considerable:

- A. A feasibility-level study, the Comprehensive Management Plan and a companion Environmental Impact Statement have been completed and published for public review. Responses to comments are well underway and within the next few months the revised plan will be sent to USACE Headquarters for final review.
- B. A balanced funding mix of local, state, Federal and private money is involved in the work of the ARP.
- C. There is a high degree of public information and public involvement in the ARP.
- D. The current cost estimate for the dredging in the Comprehensive Management Plan is \$45 million. USACE funding is available for approximately two thirds the total, Ohio has committed a fixed amount of \$7 million towards the dredging, and the ARCG has conditionally committed to providing the balance, estimated to be \$8 million.
- E. The dredging project as planned will not only remove contaminated sediment that poses an unacceptable risk to human health and the environment, but is designed to remove the bulk of the contaminated sediment which would greatly improve recreational navigation in the river, and which is expected to prevent the pollution of the outer harbor, thus reducing the cost and complexity of future dredging for purposes of commercial navigation.

Even though the SEP requirement has been met, RMI Titanium Company's commitment to the Ashtabula River Partnership remains undiminished and we will continue to apply our best efforts toward the Partnership's success, a success toward which the partnership is making good and constant progress.

II Accounting of SEP Expenditures

An accounting of SEP expenditures, including itemized costs for the SEP is included as Appendix I. PricewaterhouseCoopers LLP, independent accountants, were retained by RMI to audit the Expenditures. However upon review, they found that due to the nature of the SEP there was very little to audit and that such an audit would amount in the most part, to simply checking RMI's math, which is the sort of trivial task which the independent accounting industry refuses to exaggerate by lending its name. Appendix II is a letter from PricewaterhouseCoopers explaining its position.

III Environmental and Public Health Benefits Resulting from Implementation of the Ashtabula River SEP.

Even thought the Ashtabula River remediation has not yet occurred, the project as conceived will have the following environmental and public health benefits and estimable pollutant reduction.

- A. Those polluted sediments that posed a potential risk to human health and environment and that might otherwise have been removed under CERCLA will be removed.
- B. The plan goes beyond a risk-based cleanup to focus on removing the greatest mass of contaminants. The selected Deep Dredging scenario will remove 82% of the total mass of PCBs, which are the primary contaminant of concern. Appendix V is a table from Appendix D of the Draft Comprehensive Management Plan entitled Comparison of Sediment Volume and PCB Mass Removal for Ashtabula River Dredging Scenarios.
- C. The Deep Dredging scenario will remove sufficient volume to remove impediments to recreational navigation in the river, and to prevent future pollution of new, clean sediment deposits. This is expected to facilitate future dredging of the unpolluted sediments.
- D. The Deep Dredging scenario is expected to prevent river contaminants from migrating into the outer harbor. As a result USACE will be able to continuing to maintain commercial shipping navigation by dredging and open-lake disposal.
- E. The ARP project is expected to go from conception in 1994 to completion as soon as 2004. A ten to twelve year time frame for a project of this scope would not be achieved using a conventional approach.

- F. The Partnership approach integrates community input and involves various government stakeholders which allows the development of a comprehensive plan that goes beyond remediation to incorporate other aspects such as ecological and navigational enhancements.
- G. The cooperative spirit of the Partnership not only shortens the schedule, but also minimizes unproductive written exchanges and increases efficiency for all parties involved
- H. In addition to all of its positives the partnership approach avoids the stigma of designating the harbor as a Superfund Site, and the cost-inefficiencies and delays attributable to the Superfund process.
- I. The partnership can serve as a model to be followed at other sites.
- J. Some important milestones have been reached in addition to the drafting of the Comprehensive Management Plan and the Environmental Impact Statement including:
 - 1. Agreement in principle to place the high PCB sediments in an addition to the Fields Brook Superfund Site landfill.
 - 2. Agreement in principle on a landfill design and location for the low PCB sediments.
 - 3. Agreement in principle on a funding plan that includes private, state, Federal, and some local contributions.
 - 4. Progress is being made toward resolving the question of Natural Resource Damages at the site.

IV Certification

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fines and imprisonment.

William J. McCarthey Vice President- Engineering

RMI Titanium Company

Z6 Juny 2000 Date

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Appendix I

MAY 1997	5	6	7	8	12	13	14	15	26	27	28	29					Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr. \$100.00
Coordinating Committee Meeting											10 mi.							\$3.10	
Project/Siting Committee Meeting				k. 1							4.5 hrs 10 mi.							\$3.10	\$225 00
Outreach Committee Meeting																			10
Finance Committee Meeting	0.51							2.0 hrs. 30 mi.										\$9.30	\$100.00
Resources Committee Meeting	3.5 hrs. 30 mi.	1.85	Barb.	25.5	. 1	1.01			1390	2.0 hrs. 0 mi.						704		\$9.30	\$275.00
Review & Comment - Draft CMP				2.5 hrs. 0 mi.		1.0 hrs. 0 mi.							1			314-4			\$175.00
Prepare ARP for Public Presentation		1.5 hrs. 0 mi.	1.5 hrs. 18 mi			THE	-		1.8 hrs. 0 mi.									\$5.58	\$240.00
Out of Town Travel													100		ign-3	6			
Prepare for Policy Review Meeting				1		1.80	1 2 5 1	19.3				3.72							
ARP Working Luncheon		2					2.5 hrs. 8 mi.							1				\$2.48	\$125.00
Radio/Press Interviews			- ,,									1.5 hrs. 0 mi.							\$75.00
Review/Comment on Grants																			
Review/Comment Meeting Minutes	er kan or .																		
Miscellaneous Letter Writing					1.2 hrs. 0 mi.														\$60.00
Felephone Conference Calls		-			0.5 hrs. 0 mi.				7-1					1					\$25.00
Quarterly Meeting								0.4			2.0 hrs. 0 mi.								\$100.00
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																TOTALS	\$0.00	\$32.86	\$1,500.00
																GRAND T	OTAL	\$1,532.86	

JUNE 1997	3	4	5	11	13	19	20	23	24	25					¥	Meals \$	Mileage \$.31/mi.	\$50.00/hr. \$100.00
Coordinating Committee Meeting									2.5 hrs.	2.0 hrs. 0 mi. 2.0 hrs.				2 4 d	14			\$225.00
roject/Siting Committee Meeting							la de		10 mi.	10 mi.	 	a maki					\$6.20	\$225.00
utreach Committee Meeting						2.0.4		100				7.						\$100.00
nance Committee Meeting						2.0 hrs. 30 mi.						1					\$9.30	
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repare for Policy Review Meeting	1.5 hrs.		1.5 hrs.	1.5 hrs.										1				\$225.00
RP Working Luncheon	8 mi.		8 mi.	1.5 nrs. 10 mi.													\$8.06	\$225.00
adio/Press Interviews																		
eview/Comment on Grants							0.51											
eview/Comment Meeting Minutes					1 0 hrs. 0 mi.		2.5 hrs. 0 mi.					P i						\$175.00
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					in a										1,1			
												Na B			No.			
															TOTALS	\$0.00	\$26.66	\$1,225.00

OTALS \$0.00 \$26.66 \$1,225.00

GRAND TOTAL \$1,251.66

JULY 1997	1	2	7	15	22	23	24	29									Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
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Coordinating Committee Meeting					A Section	10 mi. 2.0 hrs.	H					- 11						\$3.10	\$100.00
Project/Siting Committee Meeting						0 mi.			1- F -				-		-				
Outreach Committee Meeting													ya: urar						
Finance Committee Meeting			×	177	2.5 hrs.			T and								o (g.) a sed	-		\$125.00
Resources Committee Meeting	0.51		9		8 mi.						A law					4		\$2.48	
Review & Comment - Draft CMP	2.5 hrs. 0 mi.			1.5 hrs. 0 mi.	100					養			ni i						\$200.00
Prepare ARP for Public Presentation								FEE					-						
Out of Town Travel		4 1.5							1 6 4 6	4.5							44.0		
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ARP Working Luncheon							19.54												
Radio/Press Interviews														1				7.5	
Review/Comment on Grants													1 2						
Review/Comment Meeting Minutes			1.0 hrs. 0 mi.															1 - 1	\$50.00
Misc. Telephone Conference		0.5 hrs. 0 mi.		0.5 hrs. 0 mi.															\$50.00
Miscellaneous Resource Work							2.5 hrs. 0 mi.	14.7	gris.										\$125.00
Meeting at Pinney Dock								3.0 hrs. 4 mi.										\$1.24	\$150.00
											14								1774 - 17 142 1
																TOTALS	\$0.00	\$6.82	\$900.00
																GRAND TO	OTAL	\$906.82	

AUGUST 1997	4	7	8	12	15	25	26	27	28	29						Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr
Coordinating Committee Meeting								2.5 hrs. 10 mi. 2.0 hrs.									\$3.10	\$125.0 \$100.0
Project/Siting Committee Meeting Outreach Committee Meeting				2.0 hrs. 10 mi.				0 mi.		1 7	4.		Tal .	7-1-1	7		\$3.10	\$100.0
Finance Committee Meeting						2.0 hrs. 30 mi.											\$9.30	\$100.0
Resources Committee Meeting	2.5 hrs. 0 mi.				0.5.1		2.0 hrs. 8 mi.		0.01		-						\$2.48	\$225.0
Review & Comment - Draft CMP					2.5 hrs. 0 mi.				6.0 hrs. 0 mi.	4.0 hrs. 0 mi.								\$625.0
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ARP Working Luncheon		0 mi.						7-										\$100.0
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Review/Comment on Grants		1				8								and the state of			8-1.1	
Review/Comment Meeting Minutes			2.0 hrs.															\$100 0
Meeting at Pinney Dock		4.5	6 mi.			4		2.0 hrs.					1246				\$1.86	\$100.00
RP Quarterly Meeting					7 4 4			10 mi.	-				F, T u				\$3.10	
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GRAND TOTAL \$1,597.94

SEPTEMBER 1997	4	5	-11	17	19	24									Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
Coordinating Committee Meeting	la ha k					2.0 hrs. 10 mi.	-				a					\$3.10	\$100.00
Project/Siting Committee Meeting				2.0 hrs. 8 mi.		2.5 hrs. 0 mi.				***						\$2.48	\$125.00 \$100.00
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nance Committee Meeting									E. 8								
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repare ARP for Public Presentation			1939		l la		. 19					1 70	-1	1			
ut of Town Travel		4.0 hrs.	4.5 hrs.														\$425.00
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RP Working Luncheon	2.5 hrs.																\$125.00
adio/Press Interviews	10 mi.							 								\$3.10	\$125.00
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eview/Comment Meeting Minutes					0.5.1												****
RP Township Trustee Meeting					2.5 hrs. 12 mi.											\$3.72	\$125.00
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\$1,012.40

OCTOBER 1997	7	8	10	17	21	27										Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
Coordinating Committee Meeting					2.0 hrs. 10 mi. 2.5 hrs.							l sas x					\$3.10	\$100.00 \$125.00
Project/Siting Committee Meeting					0 mi.				1									\$125.0
Outreach Committee Meeting	2.0 hrs.									 								£400.0
Finance Committee Meeting	30 mi.			h - 13	1					 2 17				6			\$9.30	\$100.00
Resources Committee Meeting				3.5 hrs.				1										
Review & Comment - Draft CMP				0 mi.						 								\$175.00
Prepare ARP for Public Presentation		1 40																
Out of Town Travel										 								
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ARP Working Luncheon							37.	7		7.2			4	إنساء				
Radio/Press Interviews										1							7 a]	
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ARP/Co. Port Authority Meeting	0 mi.	4.5 hrs.	1							 			n hi	K. H.				\$225.00
JSEPA/F. Hanson Meeting		10 mi.			7	2.5 hrs.		e es de		 							\$3.10	\$125.00
RP/City Manager Meeting		-				8 mi.				 				-			\$2.48	\$125.00
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															TOTALS	\$0.00	\$17 98	\$1,050 00

\$1,067.98

GRAND TOTAL

NOVEMBER 1997	3	5	6	10	14	27	28					. The			25	Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
Coordinating Committee Meeting						1.0 hrs. 0 mi.	200	191 - 182										\$50.0
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Prepare ARP for Public Presentation								de			-						× - E	
Out of Town Travel					La Carrier													
repare for Policy Review Meeting			3.5 hrs. 0 mi.		3.0 hrs. 10 mi.												\$3.10	\$325.0
RP Working Luncheon		2.0 hrs. 10 mi.															\$3.10	\$100.0
Radio/Press Interviews				- 3														
Review/Comment on Grants			NA A															
Review/Comment Meeting Minutes				1.5 hrs. 0 mi.			2.5 hrs. 0 mi.							-				\$200.00
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															TOTALS	\$0.00	\$6.20	\$875.00
															GRAND T	OTAL	\$881.20	

DECEMBER 1997	3	4	10	11	15								Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
Coordinating Committee Meeting Project/Siting Committee Meeting	2.0 hrs. 10 mi. 2.5 hrs. 0 mi.													\$3.10	\$100.00
Outreach Committee Meeting Finance Committee Meeting	O MII.			3.0 hrs. 10 mi.	2 0 hrs. 30 mi.						3.			\$3.10	\$150.0 \$100.0
Resources Committee Meeting			4.0 hrs.		30 mi.	Degra								\$9.30	
Review & Comment - Draft CMP			0 mi.	1				1	1						\$200.00
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Prepare for Policy Review Meeting		4.0 hrs. 0 mi.													\$200.00
ARP Working Luncheon Radio/Press Interviews															
Review/Comment on Grants															
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										A state of		TOTALS	\$0.00	\$15.50	\$875.00
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JANUARY 1998	7 7 2.0 hrs.	8	9	12	26						22 27.1				Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr. \$100.00
Coordinating Committee Meeting	10 mi.			S		1000	1 7 7									\$3.10	
Project/Siting Committee Meeting Outreach Committee Meeting	4.5 hrs. 0 mi.				2.0 hrs. 0 mi.												\$225.00 \$100.00
Finance Committee Meeting			2.0 hrs. 30 mi.							10		6.14				\$9.30	\$100.00
Resources Committee Meeting		J. 3							and.								
Review & Comment - Draft CMP Prepare ARP for Public Presentation											E. T.						
Out of Town Travel				4. 0 hrs													\$200.00
Prepare for Policy Review Meeting ARP Working Luncheon				0 mi.													
Radio/Press Interviews																	
Review/Comment on Grants		1.5 hrs. 0 mi.															\$75.00
Review/Comment Meeting Minutes													3 4				
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GRAND TOTAL

FEBRUARY 1998	4	16	17	25												Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
Coordinating Committee Meeting				2.0 hrs. 10 mi. 2.5 hrs.							4						\$3.10	\$100.0
Project/Siting Committee Meeting				0 mi.				10		7.0	14-1							\$125.0
Outreach Committee Meeting				-				Sy die										
Finance Committee Meeting						, E	600							1 -10				
Resources Committee Meeting	Mary 1																	
Review & Comment - Draft CMP						7												
Prepare ARP for Public Presentation		150																
Out of Town Travel			344						E.									
Prepare for Policy Review Meeting			2.5 hrs.							gar for	144					. 5 %		\$125.0
ARP Working Luncheon			10 mi.	7 11/2			7.73	134			Telepide (7-77	\$3.10	-2-
Radio/Press Interviews						1	in in the											
Review/Comment on Grants		2.5 hrs.			50		ST.				10 10 1	A. 2 80						\$125.0
Review/Comment Meeting Minutes ARP Meeting Twinsburg	8.0 hrs. 98 mi	0 mi.	404															\$400.0
NAT Meeting Twinsburg	96 mi								,, 24,222								\$30.38	
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															-			
<u></u>						arine. d							 1		TOTALS	\$0.00	\$36.50	\$076.00
															GRAND TO	i	\$36.58	\$875.00

MARCH 1998	9	10	11	24	25	28					-	Meals \$	Mileage \$.31/mi.	Hours \$50.00/hr.
Coordinating Committee Meeting					2.0 hrs. 10 mi.								\$3.10	\$100.00
Project/Siting Committee Meeting Outreach Committee Meeting			2.0 hrs 10 mi.		2.5 hrs. 0 mi								\$ 3.10	\$125.00 \$100.00
inance Committee Meeting		1.5 hrs.		2.5 hrs. 10 mi.									\$3.10	\$125.0 \$75.0
teview & Comment - Draft CMP repare ARP for Public Presentation		0 mi.												
lut of Town Travel									-					
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tadio/Press Interviews														
rief Senator Dewine on ARP	1.5 hrs. 0 mi.					6.0 hrs. 20 mi.							\$6.20	\$75.0 \$300.0
27											TOTALS	\$0.00	\$15.50	\$900.0

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet **APRIL 1998** Meals Mileage Hours 3 8 15 16 21 22 \$50.00/hr. \$.31/mi. \$100.00 2.0 Hours Coordinating Committee Meeting Miles \$100.00 2.0 Hours Project/Siting Committee Meeting Miles Hours Outreach Committee Meeting Miles Hours mance Committee Meeting Miles \$225.00 3.0 1.5 Hours \$3.10 Resources Committee Meeting Miles 10 \$100.00 2.0 Hours Review & Comment - Draft CMP Miles Hours Prepare ARP for Public Presentation Miles Hours Out of Town Travel Miles Hours Prepare for Policy Review Meeting Miles Hours ARP Working Luncheon Miles Hours Radio/Press Interviews Miles Hours Review/Comment on Grants Miles \$125.00 2.5 Hours Review/Comment Meeting Minutes Miles Hours 2.5 \$125.00 Meet with Cong. LaTourette AYC Miles \$2.48 \$75.00 Hours 1.5 Review USACE Policy Letters Miles Hours 1.5 \$75.00 onference Call - USACE, ARP Miles Hours Miles TOTALS \$0.00 \$925.00 \$5.58 **GRAND TOTAL**

\$930.58



R.L.Mason
Ashtabula River Partnership Time/Expense Sheet

MAY '97				OT	HER	
DATE	HOURS	LOCATION	MILES	EXP	ENSE	DESCRIPTION
1	2	Office	0	\$	-	A. R. Strategic Financing Plan
2	1	Office	0	\$		Natural Resource Section
7	2		120	\$	-	Travel
	1	Kent-Ashtabula	0	\$	5.00	D. Ullrich - USEPA, speaking re ARP at Ec. Profiles Bkfst.
8	1	Cleveland	0	\$		Recruiting - Report on ARP to Fields Brook Tech. Cmmttee.
9	1	Cleveland	0	\$	-	Recruiting - Report on ARP to Fields Brook Steering Comm.
12	0.25	Office	0	\$	-	Telephone to Resource Cmmttee. Chairman
15	0.5	Office	0	\$	-	Telephone - Dredging Technology Vendor
27	2		120	\$		Travel
	8	Ashtabula	0	\$		Review Draft Comprehensive Management Plan
28	2		120	\$	-	Travel
	10.25	Kent-Ashtabula	0	\$		Mtg. Prep., Monthly Project & Coord. Comm.s, 1/4ly Ptnp.
TOTALS:	31		360			
	X \$50/hr.		X \$0.31/m			
	\$1,550.00		\$ 111.60	\$	5.00	[요즘()()[전도 19년 전문 [] [[[[[1] [[[1] [

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

JUNE '97				0	THER	
DATE	HOURS	LOCATION	MILES	EXF	PENSE	DESCRIPTION
3	3		150	\$	-	Travel
	4	Pittsburgh	0	\$		Recruiting - Presentation to PRP
5	1	Office	0	\$		ARP Planning
10	2	Office	0	\$	37 P	ARP Telephone Calls
11	2		120	\$	-	Travel
	1.5	ARP Office	0	\$	-	Outreach Committee Meeting
12	0.5	Office	0	\$	-	Telephone to Resource Cmmttee. Chairman
13	1	Office	0	\$	-	Prepare ARP Presentation for PRP Group
16	4	Office	0	\$	-	Prepare ARP Presentation for PRP Group
17	4	Office	0	\$	- 1	Prepare ARP Presentation for PRP Group
18	3		150	\$	-	Travel
	4	Cleveland	0	\$		Presentation to PRP Group
19	4	Office	0	\$	-	Prepare for ARP Landfill Subcommittee
24	2		120	\$	-	Travel
	6	Ashtabula	0	\$		Landfill Subcommittee, River Tour, Resource Committee
25	2		120	\$		Travel
	8	Kent-Ashtabula	0	\$		Mtg. Prep., Monthly Project & Coordinating Meetings
26	2	Office	0	\$		Draft Landfill Subcommittee Letter to OEPA
27	1	Office	0	\$		Review PCB Data
TOTALS:	55		660			
	X \$50/hr.		X \$0.31/m			
	\$2,750.00		\$ 204.60	\$		

R.L.Mason
Ashtabula River Partnership Time/Expense Sheet

JULY '97		2.555.5			THER			
DATE	HOURS	LOCATION	MILES	EXF	PENSE	DESCRIPTION		
3	2	State of the Asset of	120	\$	-	Travel		
	8	MRP-Ashtabula	0	\$	7.00	Comprehensive Management Plan Editorial Board		
8	2		120	\$		Travel		
	2	ARP Office	0			Monthly Outreach Committee Meeting		
	2	Ashtabula	0	\$		ARP Teleconference with Corps of Engineers		
10	2	Office	0	\$		ARP Calculations		
11	1	Office	0	\$		ARP Landfill Subcommittee Minutes		
15	1	Office	0	\$	-	Prepare Recruiting Presentation		
16	4	Cleveland	0	\$		Recruiting-Report on ARP to Fields Brook Steering Committee		
17	2	Office	0	\$		ARP Correspondence		
21	4	Office	0	\$	-	Rewrite Introduction to Comprehensive Mangement Plan		
22	2	ARP Office	0	\$	-	ARP Resource Committee		
23	2		120	\$	-	Travel		
	7.5	Kent-Ashtabula	0	\$		Preparation, Monthly ARP Project & Coordinating Committee Mtg.s		
TOTALS:	41.5		360					
	X \$50/hr.		X \$0.31/m					
	\$2,075.00		\$ 111.60	\$	7.00			

R. L. Mason Ashtabula River Partnership Time Expense Sheet

AUGUST DATE	- 1	HOURS	LOCATION	MILES		THER PENSE	DESCRIPTION
	5	1	Office	0	\$	-	Recruiting - Review Proposed Cost-Sharing Approach
	8	2		120	\$		Travel
		2	Ashtabula	0	\$		Recruiting - Meet with Local Harbor User
	13	2	ARP Office	0	\$	-	Monthly ARP Outreach Committee Meeting
	27	2		120	\$		Travel
		8.5	Ashtabula Y. C.	0	\$		Mtg. Prep., Monthly Project & Coord. Comm.s, 1/4ly Ptnp.
TOTALS:		17.5		240			
		X \$50/hr.		X \$0.31/m	7		[2] 과사님 경찰 (캠프 :
		\$ 875.00		\$ 74.40	\$		

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

SEPT.'97		700	F MALE		OTHER	
DATE	HOURS	LOCATION	MILES	E	(PENSE	DESCRIPTION
16	1	Cleveland	0	\$		Recruiting - Report on ARP to Fields Brook Tech. Cmmttee.
17	4	Cleveland	0	\$	-	Recruiting - Report on ARP to Fields Brook Steering Comm.
24	2		120	\$	2	Travel
	7	Kent-Ashtabula	0	18		Meeting Prep., Monthly ARP Project & Coordinating Cmmttee. Mtg.s
30	4	Office	0	\$	- 1	Develop Fields Brook PRP Commitment Letter for Comp.Mgmt. Pla
TOTALS:	18		120			
	X \$50/hr.		X \$0.31/m			
	\$ 900.00		\$ 37.20	\$		

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

OCT. '97	3-14775		100000	0	THER	
DATE	HOURS	LOCATION	MILES	EX	PENSE	DESCRIPTION
8	2	HELES TRAILER	120	\$	-	Travel
	9	Ashtabula	0	\$		Outreach Comm. Mtg.,F.Hansen - USEPA Tour & Presentation
15	1	Office	0	\$	12.	Develop Agendas - Landfill & Project Committees
20	2		120	\$	- 1	Travel
	8	Ashtabula	0	\$		Meeting Prep., Landfill Subcommittee Mtg., Resource Committee Mtg.
21	2		120	\$		Travel
	8	Kent-Ashtabula	0	\$	-	Meeting Prep., Monthly Project & Coordinating Committee Meetings
TOTALS:	32		360			
The same	X \$50/hr.		X \$0.31/m			
	\$ 1,600.00		\$ 111.60	\$		

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

NOV. '97 DATE	HOURS	LOCATION	MILES	OTHER EXPENSE	DESCRIPTION
3	2	Ashtabula	0	\$ -	Pick Up & Review Draft Comprehensive Management Plan
12	3	ARP Office	0	\$ -	Monthly Outreach Committee Meeting
20	1	Office	0	\$ -	Facilitate Fall TCLP Sampling
24	1	Office	0	\$ -	Facilitate Fall TCLP Sampling
25	2	Office	0	\$ -	Work on Policy Review Conference Presentation
TOTALS:	9		0		
	X \$50/hr.		X \$0.31/m		
	\$ 450.00		\$ -	\$ -	

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

DEC. '97 DATE	HOURS	LOCATION	MILES	-	HER ENSE	HER NSE DESCRIPTION			
2	2		120	\$	-	Travel			
	2	ARP Office	0	\$		Monthly Resources Committee Meeting			
3	2	Land Bridge	120	\$		Travel			
	9	Kent-Ashtabula	0	\$	-	Mtg. Prep., Monthly Project & Coord. Mtg.s, Govt./Media Briefing			
8	1	Office	0	\$		Teleconference w/Corps of Engr.s on Policy Review Conf. postpone			
9	2		120	\$	-	Travel			
	3	Ashtabula	0	\$		Prepare for Policy Review Conference regrouping meeting			
10	2		120	\$	-	Travel			
	9	Kent-Ashtabula	0	\$	-	Policy Review Conference regrouping meeting			
16	1	Office	0	\$	-	Teleconference w/ Ashtabula River Foundation on cost estimate			
17	0.5	Office	0	\$	-	Review minutes of PRC Regroup Meeting			
OTALS:	33.5		480						
	X \$50/hr. \$ 1,675.00		X \$0.31/m \$ 148.80	\$					

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

JANUARY '98				O	THER	
DATE	HOURS	LOCATION	MILES	EXPENSE		DESCRIPTION
7	2		120	\$	-	Travel
그리 ^ 424	9	Kent-Ashtabula	0	\$	-1	Mtg. Prep., Monthly Project & Coord. Cmmttee.s, Eco. Subcomm.
26	1	Office	0	\$		Teleconference on GLNPO grant; Brewer, Mahan, Troyer, Golyski
28	3		150	\$		Travel
	3	Independence,OH	0	\$		Meeting w/First Energy Corp. on proposed landfill site
29	2		120	\$		Travel
	4	Ashtabula - RMI	0	\$	10 - C	Draft Landfill Letter to First Energy, Work on PRC Graphics
30	2		120	\$	-	Travel
	2	Ashtabula - RMI	0	\$		Meet w/ EcoLogik on sediment remediation technology
TOTALS:	28		510		1 105,44	
	X \$50/hr.		X \$0.31/m			
	\$1,400.00		\$ 158.10	\$	-	

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

FEB. '98 DATE	HOURS	LOCATION	MILES	7	HER ENSE	ER NSE DESCRIPTION			
3	2	Office	0	\$	-	Review draft Environmental Section rewrite from Eco. Cmmttee.			
4	2		120	\$		Travel			
	5	Twinsburg	0	\$	- 13	Ecological Subcommittee Mtg. at OEPA Northeast District Office			
11	2	ARP Office	0	\$	5.00	Monthly Outreach Committee Meeting			
12	1	Office	0	\$	-	Work on cost-sharing agreement			
20	1.25	Office	0	\$	-	Telephone calls w/ engineers on independent cost estimates			
24	2		120	\$	-	Travel			
	2	Jefferson, OH	0	\$	-	Monthly Resources Committee Meeting			
25	2		120	\$	-	Travel			
40.00	9	Kent-Ashtabula	0	\$		Mtg. Prep., Monthly Project & Coordinating Committee Meetings			
TOTALS:	28.25 X \$50/hr. \$ 1,412.50		360 X \$0.31/m \$ 111.60	\$	5.00				

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

MARCH'98			T T THE	ОТ	HER	
DATE	HOURS	LOCATION	MILES	EXPE	ENSE	DESCRIPTION
11	2	ARP Office	0	\$	5.00	Monthly Outreach Committee Meeting
24	2		120	\$	-	Travel
	2	Jefferson, OH	0	\$	-	Monthly Resources Committee Meeting
25	2		120	\$	-	Travel
	9	Kent-Ashtabula	0	\$	-	Mtg. Prep., Monthly Project & Coordinating Committee Meetings
TOTALS:	17		240			
	X \$50/hr.		X \$0.31/m	135		
	\$ 850.00		\$ 74.40	\$	5.00	

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

APRIL'98 DATE	HOURS	LOCATION	MILES		THER PENSE	SE DESCRIPTION			
2	0.5	ARP Office	0	\$	-	Invoices, Spring Sampling Plan			
15	2		120	\$		Travel			
	2	ARP Office	0	\$	5.00	Monthly Outreach Committee Meeting			
16	2	Ashtabula	10	\$	-	L.Jensen-USEPA & C.McCracken-OhioDept.Health - Ash.River Tour			
21	2	Jefferson, OH	20	\$		Monthly Resources Committee Meeting			
22	2		120	\$		Travel			
	8	Kent-Ashtabula	0	\$		Mtg. Prep., Monthly Project & Coordinating Committee Meetings			
28	0.5	ARP Office	0	\$		Invoices			
TOTALS:	19	RENTE DE LE	270						
	X \$50/hr.		X \$0.31/m	3					
	\$950.00		\$ 83.70	\$	5.00				



N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

MAY '98				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
5	8	Office			Review/Rewrite CMP w/USACE personnel
6	4	Office			Review/Rewrite CMP w/USACE personnel
14	12	Cincinnati, OH	150	\$785.79	Meet w/USACE Division Staff to discuss ARP CMP
19	1.5	Jefferson, OH	28		Review ARP operating expense and approve
27	4	Kent - Ashtabula	10		Attend Project and Coordinating Committee meetings
TOTALS:	29.5		188		
	X \$50/hr.		X \$0.31/m		
	\$1,475.00		\$58.28	\$785.79	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

JUNE '98		15.55 2.53		OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
15	12	Columbus, OH	330	\$29.00	Attend ARP/ODH meeting to discuss radionuclides
24	4	Kent - Ashtabula	10		Attend ARP Coordinating and Project Committee meetings
26	1.5	Jefferson, OH	28		ARP operating expense review and approval
			-		
TOTALS:	17.5		368	P.A. Maria	
	X \$50/hr.		X \$0.31/m	The East of	
	\$875.00		\$114.08	\$29.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

JULY '98	Wall Stern			OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
6	1	Office			Conference call w/J. Busch, John to discuss ARP
21	8	Columbus, OH	330	\$159.50	Meet in Columbus to discuss ARP preliminary cost estimate and
22	8	Columbus, OH		一声如此有	meet with OEPA at Coordinating Committee meeting
23	1.5	Office			Conference call with B. Kaull, discuss strategy for getting funding
					commitments
				2.7	
TOTALS:	18.5		330		
	X \$50/hr.		X \$0.31/m		
	\$925.00		\$102.30	\$159.50	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

AUG '98				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
14	1.5	Jefferson, OH	28		Review/approve ARP operating expenses
18	2	ARP Office	6	10 a 1	Review CMP draft status - discuss issues
27	4	Kent - Ashtabula	10		Project and Coordinating Committee meetings
27	4		100		Quarterly meeting and picnic
28	6	Ashtabula River	28		Seagrant/ARP political leader Fish Tournament
TOTALS:	17.5		72		
	X \$50/hr.		X \$0.31/m		
	\$875.00		\$22.32	\$0.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

SEPT '98				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
7	3	ARP Office	6		Discuss slide presentation/CMP status
17	4	Jefferson, OH	28		Meet w/Ashtabula Co. Port Authority - discuss sponsorship & other issues
23	4	Kent - Ashtabula	10		Project and Coordinating Committee meetings
23	4	Ashtabula Harbor		\$50.00	ARP/Lake Erie Commission boat ride and steak fry
24	4.5	Kent - Ashtabula	10		Lake Erie Commission/RAP Summit meeting
24	2	Jefferson, OH	28		ARP/Port Authority meeting
TOTALS:	21.5		82		
	X \$50/hr.		X \$0.31/m		
	\$1,075.00		\$25.42	\$50.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

OCT '98				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
16	2	Jefferson, OH	28		Review/approve ARP operating expenses
20	3.5	Office			Review status of CMP, operating and adm. issues
28	4	Kent - Ashtabula	10		Project and Coordinating Committee meetings
				212 3 2 4 5	
TOTALS:	9.5		38	经管理	
	X \$50/hr.		X \$0.31/m		
	\$475.00		\$11.78	\$0.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

NOV '98				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
13	2	Jefferson, OH	28		Review/approve ARP operating expenses
16	6	Cleveland, OH	120	\$12.00	Attend Fields Brook meeting for ARP presentation
19	3	Ashtabula, OH	26		Attend EPA public meeting on Fields Brook and Ashtabula River
20	1	ARP Office	6		Discuss administrative issues
24	4	Kent - Ashtabula	10		Attend ARP Coordinating and Project Committee meetings
TOTALS:	16		190		
	X \$50/hr.		X \$0.31/m		
	\$800.00		\$58.90	\$12.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

DEC '98			h 3 t	OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
7	1.5	ARP Office	6		Discuss/review ARP administrative issues
18	2	Jefferson, OH	28	- 14	Review/approve adm. expenses
21	3	Jefferson, OH	28	T. A. 19	Meet w/Kaull, Leitert - discuss funding issues
	E				
		2 - 1 - 1 - 1 - 1 - 1 - 1			
TOTALS:	6.5		62		
4	X \$50/hr.		X \$0.31/m		
	\$325.00		\$19.22	\$0.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

JAN '99			1 2 2 2 3 3	OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
7	2	Kent - Ashtabula	26		Review ARP status to Ashtabula Community Advisory Panel
8	1	Office			Review/comment on Coordinating Committee minutes
15	2	Jefferson, OH	28		Review/approve ARP adm. expenses
22	1	Office		Land Fillian	Prepare for ARP Coordinating Committee
26	3	Kent - Ashtabula	10		Attend kickoff of special Subcommittee assignments
27	4	Kent - Ashtabula	10		Project and Coordinating Committee meetings
28	3	Office	120		Prepare minutes from Dewatering Committee kickoff - get members
					names/addresses for mailings etc.
TOTALS:	16		74		
	X \$50/hr.		X \$0.31/m		
	\$800.00		\$22.94	\$0.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

FEB '99				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
15	1.5	Office		Liver of the state of	Setup ARP Subcommittee meetings, agenda, etc.
18	14	Buffalo, NY	360	\$24.00	Attend USACE, Fields Brook, ARP meeting - discuss CMP draft
23	2.5	Office		1818 1 1 1 1	Host Dewatering Subcommittee meeting as chair
24	6	Kent - Ashtabula	10	\$5.00	Attend Outreach, Project and Coordinating Committee meetings
1971	å vat i i i	Firefile To	LE PASS		
	71. 12.4		19		
477 150 (5)					
7 3 7 4 2				a Carefford Co.	
TOTALS:	24		370	Proceedings of	
	X \$50/hr.		X \$0.31/m		
	\$1,200.00		\$114.70	\$29.00	

N. F. Brewer Ashtabula River Partnership Time/Expense Sheet

MAR '99				OTHER	
DATE	HOURS	LOCATION	MILES	EXPENSE	DESCRIPTION
12	2	Jefferson, OH	28		Review/approve adm. expenses
15	1.5	ARP Office	6		Review status of information USACE is getting Fields Brook Group
19	1	Office		description of	Prepare agenda for Dewatering Committee meeting
23	2.5	Office			Chair Dewatering Committee meeting
24	6	Kent - Ashtabula	10		Attend Outreach, Project and Coordinating Committee meetings
TOTALS:	13		44		
IOTALS.	X \$50/hr.		X \$0.31/m		
	\$650.00		\$13.64	\$0.00	



R.L.Mason
Ashtabula River Partnership Time/Expense Sheet

MAY '98				C	THER	
DATE	HOURS	LOCATION	MILES	EXPENSE		DESCRIPTION
11	2		120	\$	-	Travel
	2.5	Jefferson	0	\$		Ashtabula County Port Authority Meeting
36	2.5	Ashtabula	0	\$	-	Prepare for 14 May Meeting
12	. 1	Cleveland	0	\$	- 1	Ashtabula River Report to Fields Brook Technical Committee
13	1	Cleveland	0	\$		Ashtabula River Report to Fields Brook Steering Committee
14	15	Cincinnati	200	\$	679.00	ARP Meeting with General VanWinkle, US Army Corps of Engnr.s
22	1	Ashtabula	0	\$	-	Discuss River Cleanup Technology with IT Corp., Remedial Contractor
27	8	Kent-Ashtabula	120	\$	5.00	Preparation, Monthly ARP Project & Coordinating Committee Mtg.s
TOTALS:	33		440		The second	
	X \$50/hr.		X \$0.31/m	Trans.		
	\$1,650.00		\$ 136.40	\$	684.00	

R. L. Mason Ashtabula River Partnership Time/Expense Sheet

JUNE '98	E No. L. T.			0	THER	
DATE	HOURS	LOCATION	MILES	EX	PENSE	DESCRIPTION
1	2	Office	0	\$	-	Review Ohio Department of Health Radioactive Disposal Rules
2	1	Ashtabula	0	\$	10.	Review Existing Ashtabula River Radionuclide Data
4	4	Ashtabula	0	\$	-	Review Draft Ecological Section to Comprehensive Mangmt. Plan
15	8	Columbus	500	\$	8.79	ARP Meeting with Ohio Dept. of Health, Bureau of Rad. Safety
24	12	Ashtabula	120	\$	11.10	Monthly ARP Cmmttee. Meetings & Quarterly Ash.RiverRAP Mtg.
29	0.5	Office	0	\$	-	Find Data Requested by Corps of Engineers
30	0.5	Ashtabula	0	\$		Brief RMI on Ashtabula River Partnership Developments
TOTALS:	28		620			
	X \$50/hr.		X \$0.31/m	THE SE		
	\$1,400.00		\$ 192.20	\$	19.89	